# CNA's Integrated Ship Database

## First Quarter CY 2013 Update

Gregory N. Suess • Lynette A. McClain

USS *Tucson* (SSN 770*)* and USS *Hawaii* (SSN 776*)*

USS *Georgia* (SSGN 729)

USS *Alaska* (SSBN 732)

DIS-2014-U-007516-Final
October 2014

CNA
ANALYSIS & SOLUTIONS

# Report Documentation Page

*Form Approved*
*OMB No. 0704-0188*

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| 1. REPORT DATE | 2. REPORT TYPE | 3. DATES COVERED |
|---|---|---|
| **OCT 2014** | | **00-00-2014 to 00-00-2014** |

| 4. TITLE AND SUBTITLE | 5a. CONTRACT NUMBER |
|---|---|
| **CNA's Integrated Ship Database: First Quarter CY 2013 Update** | 5b. GRANT NUMBER |
| | 5c. PROGRAM ELEMENT NUMBER |
| 6. AUTHOR(S) | 5d. PROJECT NUMBER |
| | 5e. TASK NUMBER |
| | 5f. WORK UNIT NUMBER |
| 7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **CNA Analysis & Solutions,3003 Washington Boulevard,Arlington,VA,22201** | 8. PERFORMING ORGANIZATION REPORT NUMBER |
| 9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) | 10. SPONSOR/MONITOR'S ACRONYM(S) |
| | 11. SPONSOR/MONITOR'S REPORT NUMBER(S) |

12. DISTRIBUTION/AVAILABILITY STATEMENT
**Approved for public release; distribution unlimited**

13. SUPPLEMENTARY NOTES

14. ABSTRACT

15. SUBJECT TERMS

| 16. SECURITY CLASSIFICATION OF: | | | 17. LIMITATION OF ABSTRACT | 18. NUMBER OF PAGES | 19a. NAME OF RESPONSIBLE PERSON |
|---|---|---|---|---|---|
| a. REPORT **unclassified** | b. ABSTRACT **unclassified** | c. THIS PAGE **unclassified** | **Same as Report (SAR)** | **42** | |

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130905-N-DB801-268 PEARL HARBOR (Sept. 5, 2013)—The Los Angeles-class attack submarine USS *Tucson* (SSN 770), foreground, passes the Virginia-class attack submarine USS *Hawaii* (SSN 776) as *Tucson* departs Joint Base Pearl Harbor-Hickam for a deployment to the Western Pacific region. (U.S. Navy photo by Mass Communication Specialist 2nd Class Steven Khor/Released). (http://www.navy.mil/management/photodb/photos/130905-N-DB801-268.jpg.)

130516-N-MO201-041 SOUDA BAY, Greece (May 16, 2013)—The guided-missile submarine USS *Georgia* (SSGN 729) arrives in Souda Harbor. *Georgia* is homeported in Kings Bay, Ga., and is deployed conducting maritime security operations and theater security cooperation efforts in the U.S. Sixth Fleet area of responsibility. (U.S. Navy photo by Paul Farley/Released). (http://www.navy.mil/management/photodb/photos/130516-N-MO201-041.jpg.)

060719-N-0209M-002 Pacific Ocean (July 19, 2006)—Naval Reserve Officers Training Corps (NROTC) midshipmen embark the Ohio-class submarine USS *Alaska* (SSBN 732) for a 24-hour underway guided tour. The midshipmen have come together from universities across the country to participate in the annual Career Orientation and Training for Midshipmen (CORTRAMID) program. The purpose of the tour is to help familiarize midshipmen with the operations and mission of the submarine community by allowing them to participate in training exercises while underway. (U.S. Navy photo by Mass Communication Specialist Seaman Joshua Martin/Released). (http://www.navy.mil/management/photodb/photos/060719-N-0209M-002.jpg).

Approved for distribution: October 2014

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# Introduction

## Background

In this CNA Interactive Software document, we present the update of our Integrated Ship Database (ISDB) for the first quarter of calendar year 2013.

In this version of the ISDB, as in the previous ones, we bring together data on naval ships from several different online government sources into a single combined database tool. The ISDB makes ship data readily accessible for analysis and reporting. By continually maintaining and updating the database, we are better able to respond promptly to requests for information on ships from our sponsor,[1] from other CNA research scientists and analysts, and from others in government as well.

Since our initial version in 2005 [1], we have published 28 quarterly updates [2–29]. All are available online on the Integrated Ship Database page of CNA's website, www.cna.org.

## Outline of this document

We begin with a brief overview of the ISDB to orient you in a general way to the database. But if you are looking for details, please refer to the original 2005 user's manual [1] and to the fourth quarter 2011 update [25]. In addition, the documentation of the second quarter 2012 update [27] discusses the changes we made due to the Military Sealift Command's (MSC) organizational realignment of 2012 [30].

1. This work is being conducted as part of CNA's Historic Fleet Employment Database Project, sponsored by the Deputy Chief of Naval Operations for Operations, Plans, and Strategy (N3/N5).

After the overview, we discuss our changes to the database because of modifications to the Naval Vessel Register (NVR), the MSC Ship Inventory, and the Maritime Administration's (MARAD) National Defense Reserve Fleet (NDRF) Inventory between January 1 and March 31, 2013.

Finally, we present ship counts and inventory summaries as of March 31, 2013.

# ISDB overview

In this section, we present an overview of the Integrated Ship Database. We tell you where to find the database online and how to access it. Then we show how the Microsoft Excel database file is organized according to worksheet tabs for documentation, database navigation, data tables, and pivot tables for display and analysis.

## Accessing the database

You can find all issues of the database on the Integrated Ship Database page on CNA's website (www.cna.org). The specific address for the main page for the database is http://www.cna.org/centers/operations-tactics/ship-database [31]. Figure 1 illustrates the main page.[2]

Figure 2 is a view of the bottom portion of the main page. It contains a list of the database products for calendar years 2012 and 2013, a link to the Database Archive, and a list of our data source organizations and respective points of contact.

Figure 3 shows the top portion of the Database Archive web page. Here you will find all our database products between September 2005 and December 2011.

2. Figures 1–3 display these web pages as of the time that this document was prepared. We update the ISDB web pages periodically, so depending on when you access the website, you may find some differences in details.

Figure 1. Main web page for the Integrated Ship Database

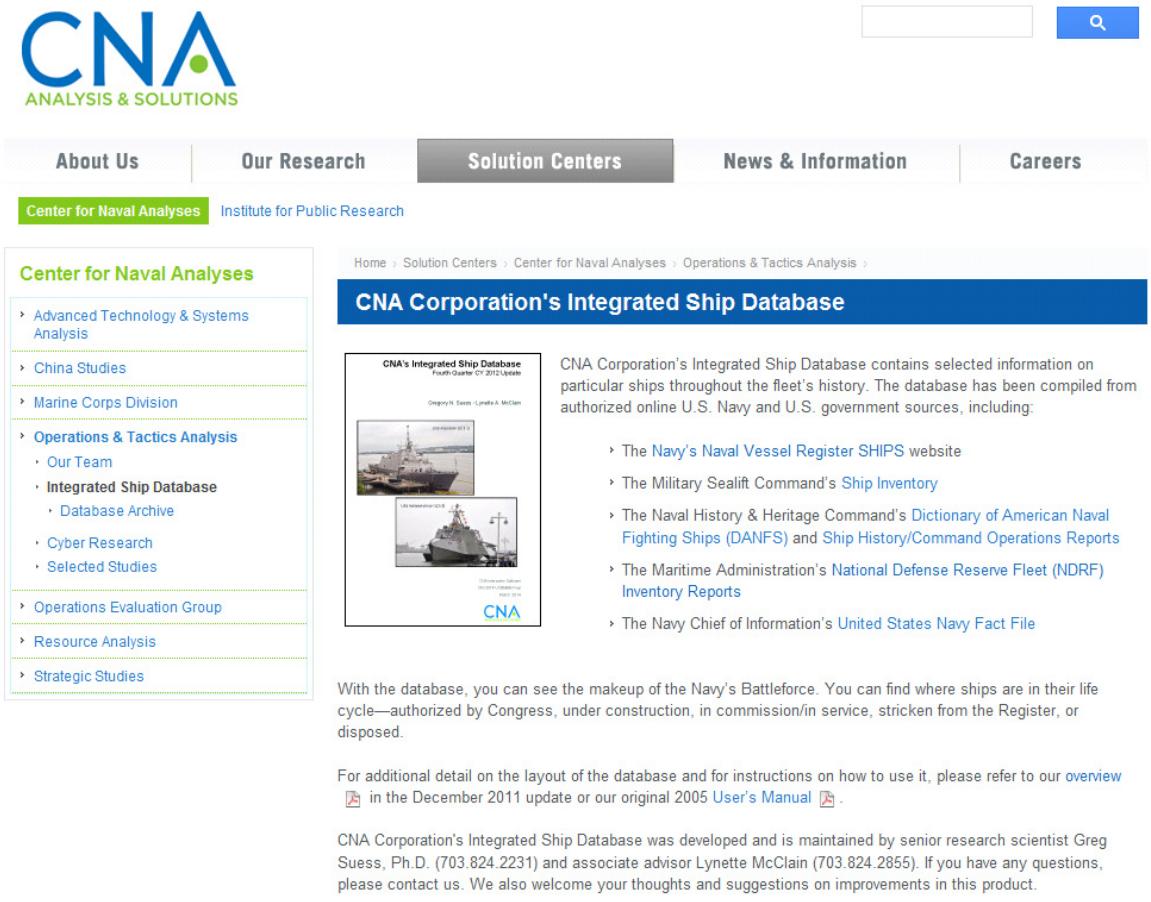
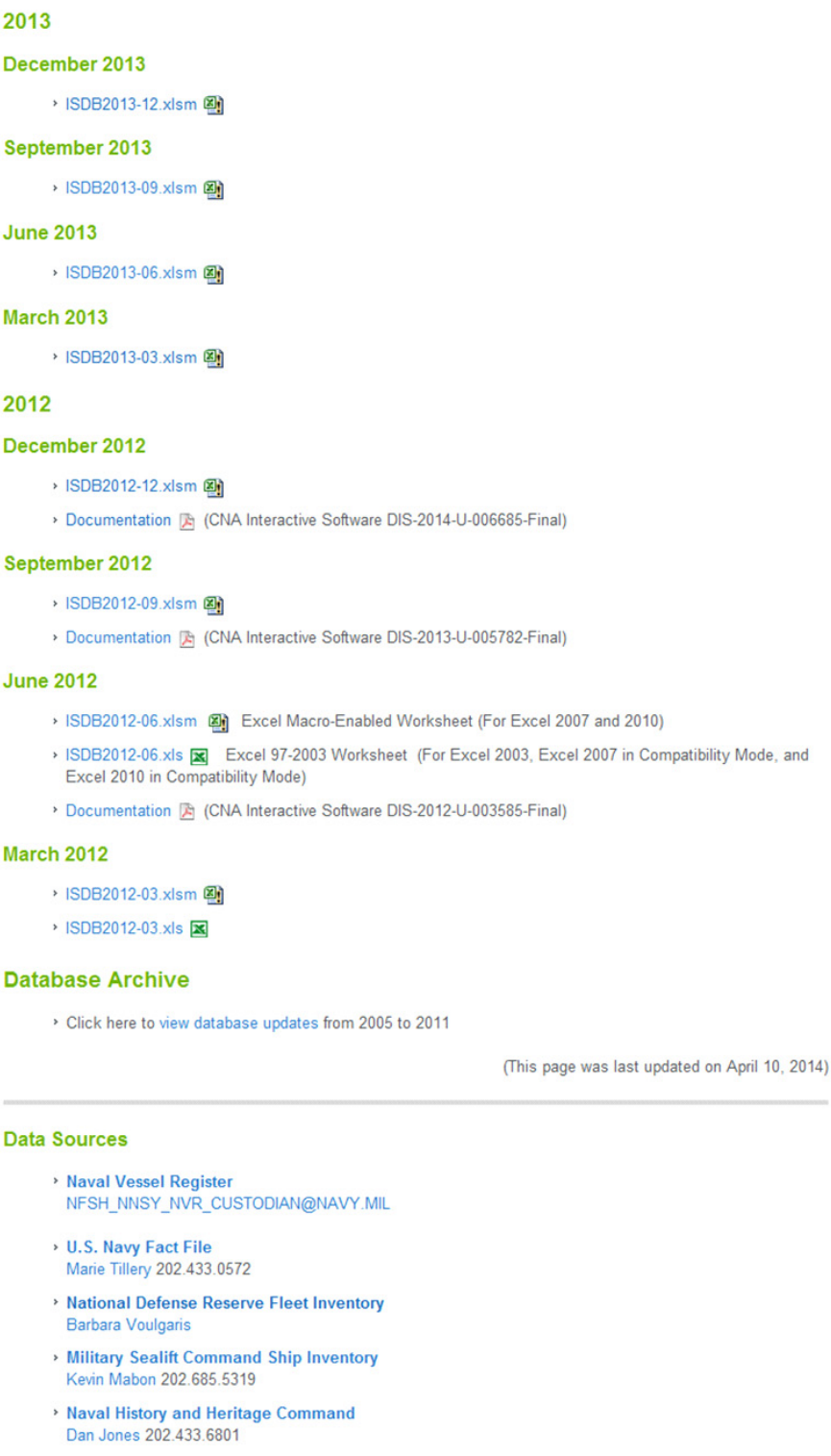


Figure 2. Lower section of the main database page



## 2013

### December 2013

- ISDB2013-12.xlsm

### September 2013

- ISDB2013-09.xlsm

### June 2013

- ISDB2013-06.xlsm

### March 2013

- ISDB2013-03.xlsm

## 2012

### December 2012

- ISDB2012-12.xlsm
- Documentation (CNA Interactive Software DIS-2014-U-006685-Final)

### September 2012

- ISDB2012-09.xlsm
- Documentation (CNA Interactive Software DIS-2013-U-005782-Final)

### June 2012

- ISDB2012-06.xlsm Excel Macro-Enabled Worksheet (For Excel 2007 and 2010)
- ISDB2012-06.xls Excel 97-2003 Worksheet (For Excel 2003, Excel 2007 in Compatibility Mode, and Excel 2010 in Compatibility Mode)
- Documentation (CNA Interactive Software DIS-2012-U-003585-Final)

### March 2012

- ISDB2012-03.xlsm
- ISDB2012-03.xls

## Database Archive

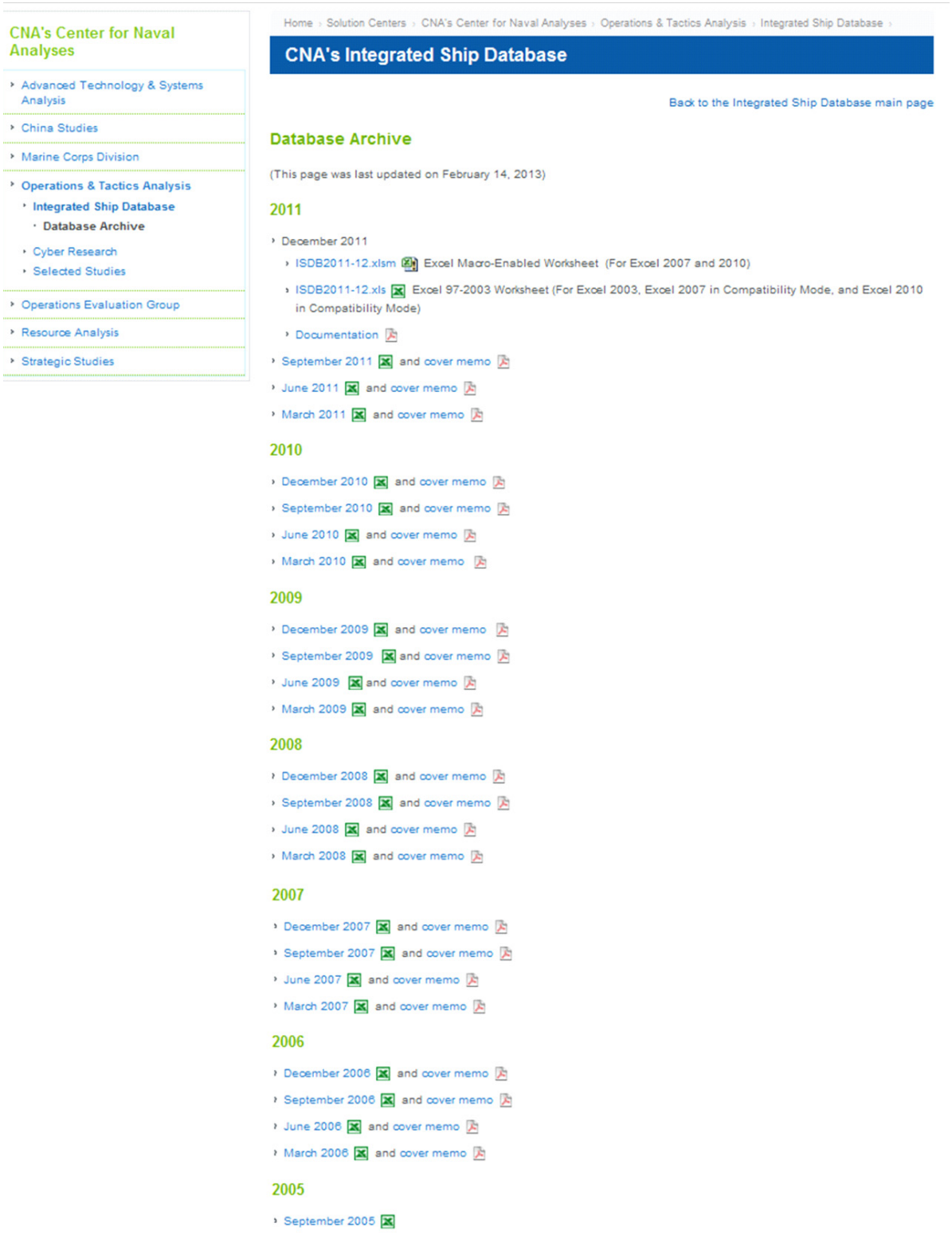
- Click here to view database updates from 2005 to 2011

(This page was last updated on April 10, 2014)

## Data Sources

- **Naval Vessel Register**
  NFSH_NNSY_NVR_CUSTODIAN@NAVY.MIL
- **U.S. Navy Fact File**
  Marie Tillery 202.433.0572
- **National Defense Reserve Fleet Inventory**
  Barbara Voulgaris
- **Military Sealift Command Ship Inventory**
  Kevin Mabon 202.685.5319
- **Naval History and Heritage Command**
  Dan Jones 202.433.6801

Figure 3. The Database Archive web page



# Organization of the ISDB file

## The Document tab

Upon opening the database file, you will see the view in figure 4. The graphic of the document cover contains an associated hyperlink for immediate access to the documentation. Double-click the graphic and the PDF document will immediately open, if you have the Adobe software installed on your computer. (If you don't, go to http://get.adobe.com/reader/ to download the software.) The Document tab is the first of ten tabs in the file. You can see the tabs at the bottom of the workbook.

## The Directory tab

Figure 5 shows the next tab in the file—the Directory tab. The Directory helps you navigate to the various tabs in the database.

## DataTableOriginal

The DataTableOriginal tab contains all the data. See figure 6 for a view of the top portion of the sheet. The rows in the sheet are the records of the database, one row for each ship hull unit. The columns are the database fields.

### The records

We have color-coded the records in the database to depict the various Status categories:

- Authorized for construction
- Under construction
- Active
- Naval Reserve Force, Active
- Special, miscellaneous
- In reserve
- Leased or loaned
- Stricken

Figure 4. The Document tab

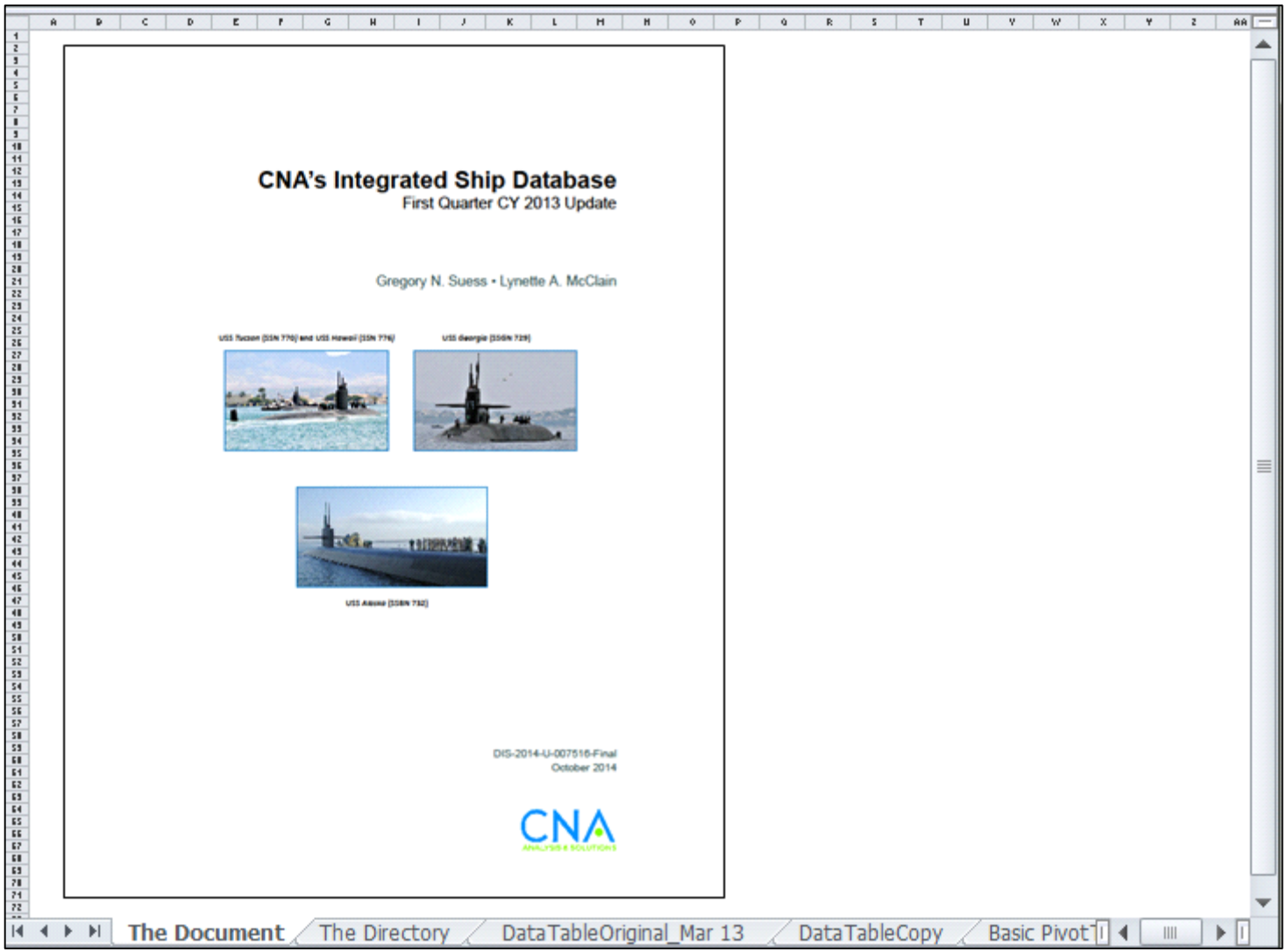
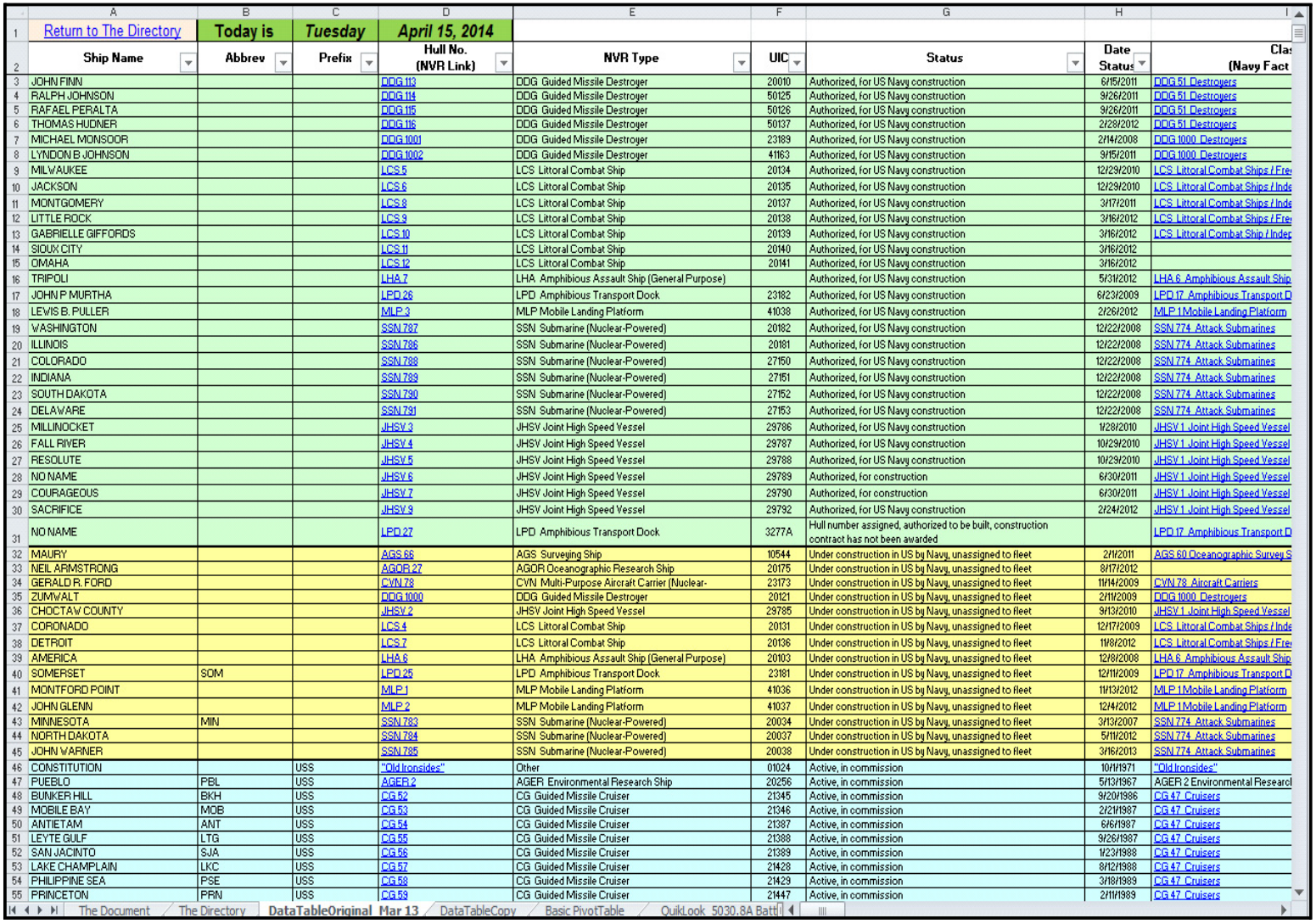


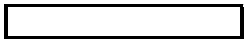
Figure 5. The Directory tab

Figure 6. DataTableOriginal



| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Return to The Directory | Today is | Tuesday | April 15, 2014 | | | | | |
| 2 | Ship Name | Abbrev | Prefix | Hull No. (NVR Link) | NVR Type | UIC | Status | Date Status | Cla (Navy Fact |
| 3 | JOHN FINN | | | DDG 113 | DDG Guided Missile Destroyer | 20010 | Authorized, for US Navy construction | 6/15/2011 | DDG 51 Destroyers |
| 4 | RALPH JOHNSON | | | DDG 114 | DDG Guided Missile Destroyer | 50125 | Authorized, for US Navy construction | 9/26/2011 | DDG 51 Destroyers |
| 5 | RAFAEL PERALTA | | | DDG 115 | DDG Guided Missile Destroyer | 50126 | Authorized, for US Navy construction | 9/26/2011 | DDG 51 Destroyers |
| 6 | THOMAS HUDNER | | | DDG 116 | DDG Guided Missile Destroyer | 50137 | Authorized, for US Navy construction | 2/28/2012 | DDG 51 Destroyers |
| 7 | MICHAEL MONSOOR | | | DDG 1001 | DDG Guided Missile Destroyer | 23189 | Authorized, for US Navy construction | 2/14/2008 | DDG 1000 Destroyers |
| 8 | LYNDON B JOHNSON | | | DDG 1002 | DDG Guided Missile Destroyer | 41163 | Authorized, for US Navy construction | 9/15/2011 | DDG 1000 Destroyers |
| 9 | MILWAUKEE | | | LCS 5 | LCS Littoral Combat Ship | 20134 | Authorized, for US Navy construction | 12/29/2010 | LCS Littoral Combat Ships / Fre |
| 10 | JACKSON | | | LCS 6 | LCS Littoral Combat Ship | 20135 | Authorized, for US Navy construction | 12/29/2010 | LCS Littoral Combat Ships / Inde |
| 11 | MONTGOMERY | | | LCS 8 | LCS Littoral Combat Ship | 20137 | Authorized, for US Navy construction | 3/17/2011 | LCS Littoral Combat Ships / Inde |
| 12 | LITTLE ROCK | | | LCS 9 | LCS Littoral Combat Ship | 20138 | Authorized, for US Navy construction | 3/16/2012 | LCS Littoral Combat Ships / Fre |
| 13 | GABRIELLE GIFFORDS | | | LCS 10 | LCS Littoral Combat Ship | 20139 | Authorized, for US Navy construction | 3/16/2012 | LCS Littoral Combat Ship / Inder |
| 14 | SIOUX CITY | | | LCS 11 | LCS Littoral Combat Ship | 20140 | Authorized, for US Navy construction | 3/16/2012 | |
| 15 | OMAHA | | | LCS 12 | LCS Littoral Combat Ship | 20141 | Authorized, for US Navy construction | 3/16/2012 | |
| 16 | TRIPOLI | | | LHA 7 | LHA Amphibious Assault Ship (General Purpose) | | Authorized, for US Navy construction | 5/31/2012 | LHA 6 Amphibious Assault Ship |
| 17 | JOHN P MURTHA | | | LPD 26 | LPD Amphibious Transport Dock | 23182 | Authorized, for US Navy construction | 6/23/2009 | LPD 17 Amphibious Transport D |
| 18 | LEWIS B. PULLER | | | MLP 3 | MLP Mobile Landing Platform | 41038 | Authorized, for US Navy construction | 2/26/2012 | MLP 1 Mobile Landing Platform |
| 19 | WASHINGTON | | | SSN 787 | SSN Submarine (Nuclear-Powered) | 20182 | Authorized, for US Navy construction | 12/22/2008 | SSN 774 Attack Submarines |
| 20 | ILLINOIS | | | SSN 786 | SSN Submarine (Nuclear-Powered) | 20181 | Authorized, for US Navy construction | 12/22/2008 | SSN 774 Attack Submarines |
| 21 | COLORADO | | | SSN 788 | SSN Submarine (Nuclear-Powered) | 27150 | Authorized, for US Navy construction | 12/22/2008 | SSN 774 Attack Submarines |
| 22 | INDIANA | | | SSN 789 | SSN Submarine (Nuclear-Powered) | 27151 | Authorized, for US Navy construction | 12/22/2008 | SSN 774 Attack Submarines |
| 23 | SOUTH DAKOTA | | | SSN 790 | SSN Submarine (Nuclear-Powered) | 27152 | Authorized, for US Navy construction | 12/22/2008 | SSN 774 Attack Submarines |
| 24 | DELAWARE | | | SSN 791 | SSN Submarine (Nuclear-Powered) | 27153 | Authorized, for US Navy construction | 12/22/2008 | SSN 774 Attack Submarines |
| 25 | MILLINOCKET | | | JHSV 3 | JHSV Joint High Speed Vessel | 29786 | Authorized, for US Navy construction | 1/28/2010 | JHSV 1 Joint High Speed Vessel |
| 26 | FALL RIVER | | | JHSV 4 | JHSV Joint High Speed Vessel | 29787 | Authorized, for US Navy construction | 10/29/2010 | JHSV 1 Joint High Speed Vessel |
| 27 | RESOLUTE | | | JHSV 5 | JHSV Joint High Speed Vessel | 29788 | Authorized, for US Navy construction | 10/29/2010 | JHSV 1 Joint High Speed Vessel |
| 28 | NO NAME | | | JHSV 6 | JHSV Joint High Speed Vessel | 29789 | Authorized, for construction | 6/30/2011 | JHSV 1 Joint High Speed Vessel |
| 29 | COURAGEOUS | | | JHSV 7 | JHSV Joint High Speed Vessel | 29790 | Authorized, for construction | 6/30/2011 | JHSV 1 Joint High Speed Vessel |
| 30 | SACRIFICE | | | JHSV 9 | JHSV Joint High Speed Vessel | 29792 | Authorized, for US Navy construction | 2/24/2012 | JHSV 1 Joint High Speed Vessel |
| 31 | NO NAME | | | LPD 27 | LPD Amphibious Transport Dock | 3277A | Hull number assigned, authorized to be built, construction contract has not been awarded | | LPD 17 Amphibious Transport D |
| 32 | MAURY | | | AGS 66 | AGS Surveying Ship | 10544 | Under construction in US by Navy, unassigned to fleet | 2/1/2011 | AGS 60 Oceanographic Survey S |
| 33 | NEIL ARMSTRONG | | | AGOR 27 | AGOR Oceanographic Research Ship | 20175 | Under construction in US by Navy, unassigned to fleet | 8/17/2012 | |
| 34 | GERALD R. FORD | | | CVN 78 | CVN Multi-Purpose Aircraft Carrier (Nuclear- | 23173 | Under construction in US by Navy, unassigned to fleet | 11/14/2009 | CVN 78 Aircraft Carriers |
| 35 | ZUMWALT | | | DDG 1000 | DDG Guided Missile Destroyer | 20121 | Under construction in US by Navy, unassigned to fleet | 2/11/2009 | DDG 1000 Destroyers |
| 36 | CHOCTAW COUNTY | | | JHSV 2 | JHSV Joint High Speed Vessel | 29785 | Under construction in US by Navy, unassigned to fleet | 9/13/2010 | JHSV 1 Joint High Speed Vessel |
| 37 | CORONADO | | | LCS 4 | LCS Littoral Combat Ship | 20131 | Under construction in US by Navy, unassigned to fleet | 12/17/2009 | LCS Littoral Combat Ships / Inde |
| 38 | DETROIT | | | LCS 7 | LCS Littoral Combat Ship | 20136 | Under construction in US by Navy, unassigned to fleet | 11/8/2012 | LCS Littoral Combat Ships / Fre |
| 39 | AMERICA | | | LHA 6 | LHA Amphibious Assault Ship (General Purpose) | 20103 | Under construction in US by Navy, unassigned to fleet | 12/8/2008 | LHA 6 Amphibious Assault Ship |
| 40 | SOMERSET | SOM | | LPD 25 | LPD Amphibious Transport Dock | 23181 | Under construction in US by Navy, unassigned to fleet | 12/11/2009 | LPD 17 Amphibious Transport D |
| 41 | MONTFORD POINT | | | MLP 1 | MLP Mobile Landing Platform | 41036 | Under construction in US by Navy, unassigned to fleet | 11/13/2012 | MLP 1 Mobile Landing Platform |
| 42 | JOHN GLENN | | | MLP 2 | MLP Mobile Landing Platform | 41037 | Under construction in US by Navy, unassigned to fleet | 12/4/2012 | MLP 1 Mobile Landing Platform |
| 43 | MINNESOTA | MIN | | SSN 783 | SSN Submarine (Nuclear-Powered) | 20034 | Under construction in US by Navy, unassigned to fleet | 3/13/2007 | SSN 774 Attack Submarines |
| 44 | NORTH DAKOTA | | | SSN 784 | SSN Submarine (Nuclear-Powered) | 20037 | Under construction in US by Navy, unassigned to fleet | 5/11/2012 | SSN 774 Attack Submarines |
| 45 | JOHN WARNER | | | SSN 785 | SSN Submarine (Nuclear-Powered) | 20038 | Under construction in US by Navy, unassigned to fleet | 3/16/2013 | SSN 774 Attack Submarines |
| 46 | CONSTITUTION | | USS | "Old Ironsides" | Other | 01024 | Active, in commission | 10/1/1971 | "Old Ironsides" |
| 47 | PUEBLO | PBL | USS | AGER 2 | AGER Environmental Research Ship | 20256 | Active, in commission | 5/13/1967 | AGER 2 Environmental Research |
| 48 | BUNKER HILL | BKH | USS | CG 52 | CG Guided Missile Cruiser | 21345 | Active, in commission | 9/20/1986 | CG 47 Cruisers |
| 49 | MOBILE BAY | MOB | USS | CG 53 | CG Guided Missile Cruiser | 21346 | Active, in commission | 2/21/1987 | CG 47 Cruisers |
| 50 | ANTIETAM | ANT | USS | CG 54 | CG Guided Missile Cruiser | 21387 | Active, in commission | 6/6/1987 | CG 47 Cruisers |
| 51 | LEYTE GULF | LTG | USS | CG 55 | CG Guided Missile Cruiser | 21388 | Active, in commission | 9/26/1987 | CG 47 Cruisers |
| 52 | SAN JACINTO | SJA | USS | CG 56 | CG Guided Missile Cruiser | 21389 | Active, in commission | 1/23/1988 | CG 47 Cruisers |
| 53 | LAKE CHAMPLAIN | LKC | USS | CG 57 | CG Guided Missile Cruiser | 21428 | Active, in commission | 8/12/1988 | CG 47 Cruisers |
| 54 | PHILIPPINE SEA | PSE | USS | CG 58 | CG Guided Missile Cruiser | 21429 | Active, in commission | 3/18/1989 | CG 47 Cruisers |
| 55 | PRINCETON | PRN | USS | CG 59 | CG Guided Missile Cruiser | 21447 | Active, in commission | 2/11/1989 | CG 47 Cruisers |

The Document | The Directory | DataTableOriginal Mar 13 | DataTableCopy | Basic PivotTable | QuikLook 5030.8A Batt

- Donated as museum, memorial
- Disposed
- Lost, sunk
- Military Sealift Command
- MARAD/NDRF
- Hull number assigned, not built
- Reclassed
- No NVR status
- Historical from PMARS,[3] DANFS,[4] www.navy.mil 

**The fields**

Each record in the ISDB is made up of 32 fields:

- Ship Name
- Abbrev (for ship abbreviation, usually a trigraph)
- Prefix
- Hull number (with link to NVR web page)
- NVR Type
- UIC (for Unit Identification Code)
- Status
- Date Status Changed
- Class (with link to Navy Fact File)
- NVR Force

3. PMARS: MARAD's Property Management and Archive Record System
4. DANFS: Dictionary of American Naval Fighting Ships from the Naval History and Heritage Command (NHHC)

- 5030.8A Force
- 5030.8A Ship Category
- 5030.8A Ship Classification
- 5030.8A Ship Type
- MSC Ship Link
- MSC Type, with link to MSC Program page—e.g.,to Sealift (PM5) page
- MARAD/NDRF Program-Type/Status (with link to NDRF page)
- DANFS Entry (with link to NHHC's DANFS ship page)
- Ship History Report (with link to NHHC's Ship Histories/Command Operations Reports Index)
- Homeport (with link to NVR Homeport page) as of the end of March 2013
- Previous, Other Names
- Award Date
- Keel Date
- Launch Date
- Delivery Date
- Commission Date
- Age of the ship[5]
- Decommission/Out Of Action (OOA) Date
- Inactivation Date
- Stricken Date
- Date last updated
- Additional Comments, References

5. For commissioned ships, the age is the time between its delivery date and the latest date the Pivot Table was refreshed. For historical ships, the age is based on the delivery date and the decommission/OOA date. If either of these dates is unavailable, we use the commission date and/or the inactivation date, respectively.

## DataTableCopy

We have protected the DataTableOriginal page to prevent unintentional data changes and maintain configuration control. With page protection, however, Microsoft Excel inhibits some features.

By copying DataTableOriginal into the blank DataTableCopy, all features are available. With this table, you can modify the contents of DataTableOriginal to suit your needs, while preserving the data table in its original form on the DataTableOriginal sheet.

## The Pivot Tables

We've used Excel Pivot Tables to display the contents of the database in several different summary forms. Pivot Tables enable you to examine the contents of the database at varying levels of specificity.

### The Basic Pivot Table

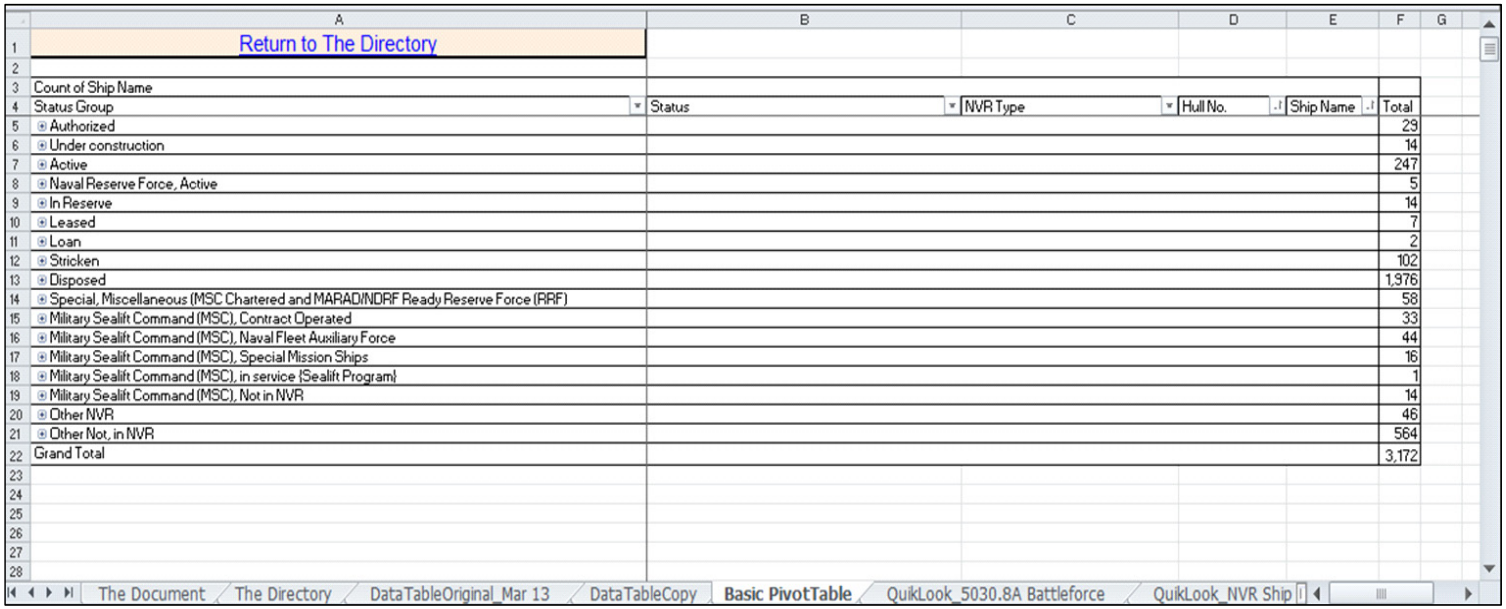
As shown in figure 7, the Basic Pivot Table presents a view of the makeup of the entire ISDB. There, you can see the distribution of the 3,172 ship records by Ship Status Group.

To demonstrate the ease and flexibility of pivot tables in Excel, we present a sequence from the fully compressed Basic Pivot Table in figure 7 to a fully expanded view of the Active Status Group in figure 10.

First, we need to filter the table to present only the Active Status Group. Click on the drop-down menu in cell A4. Figure 8 shows the drop-down menu for column A with only the Active Status Group selected. Click ok.

Figure 9 then displays how to expand the compressed Active Status Group into the specific individual ship Status type, NVR Ship Type, Hull Number, and Ship Name. A right-click in the Status Group cell produces the drop-down menu with which the entire Status Group field can be expanded. Figure 10 shows the top portion of the resulting expansion.

Figure 7. Basic Pivot Table



Return to The Directory

| Count of Ship Name | | | | | |
|---|---|---|---|---|---|
| Status Group | Status | NVR Type | Hull No. | Ship Name | Total |
| Authorized | | | | | 29 |
| Under construction | | | | | 14 |
| Active | | | | | 247 |
| Naval Reserve Force, Active | | | | | 5 |
| In Reserve | | | | | 14 |
| Leased | | | | | 7 |
| Loan | | | | | 2 |
| Stricken | | | | | 102 |
| Disposed | | | | | 1,976 |
| Special, Miscellaneous (MSC Chartered and MARAD/NDRF Ready Reserve Force (RRF) | | | | | 58 |
| Military Sealift Command (MSC), Contract Operated | | | | | 33 |
| Military Sealift Command (MSC), Naval Fleet Auxiliary Force | | | | | 44 |
| Military Sealift Command (MSC), Special Mission Ships | | | | | 16 |
| Military Sealift Command (MSC), in service (Sealift Program) | | | | | 1 |
| Military Sealift Command (MSC), Not in NVR | | | | | 14 |
| Other NVR | | | | | 46 |
| Other Not, in NVR | | | | | 564 |
| Grand Total | | | | | 3,172 |

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Figure 8. Filtering on the Active Status Group using column A drop-down menu

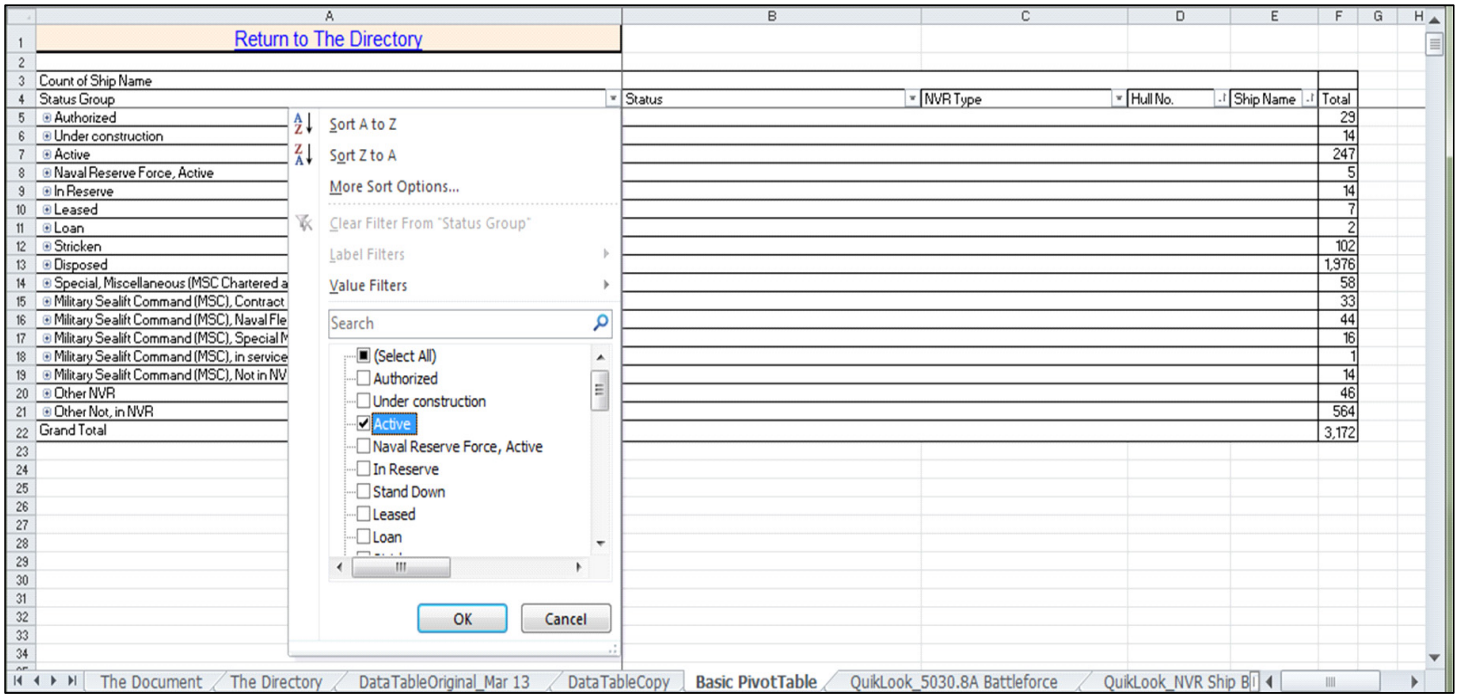


Figure 9. Expanding the entire Status Group field

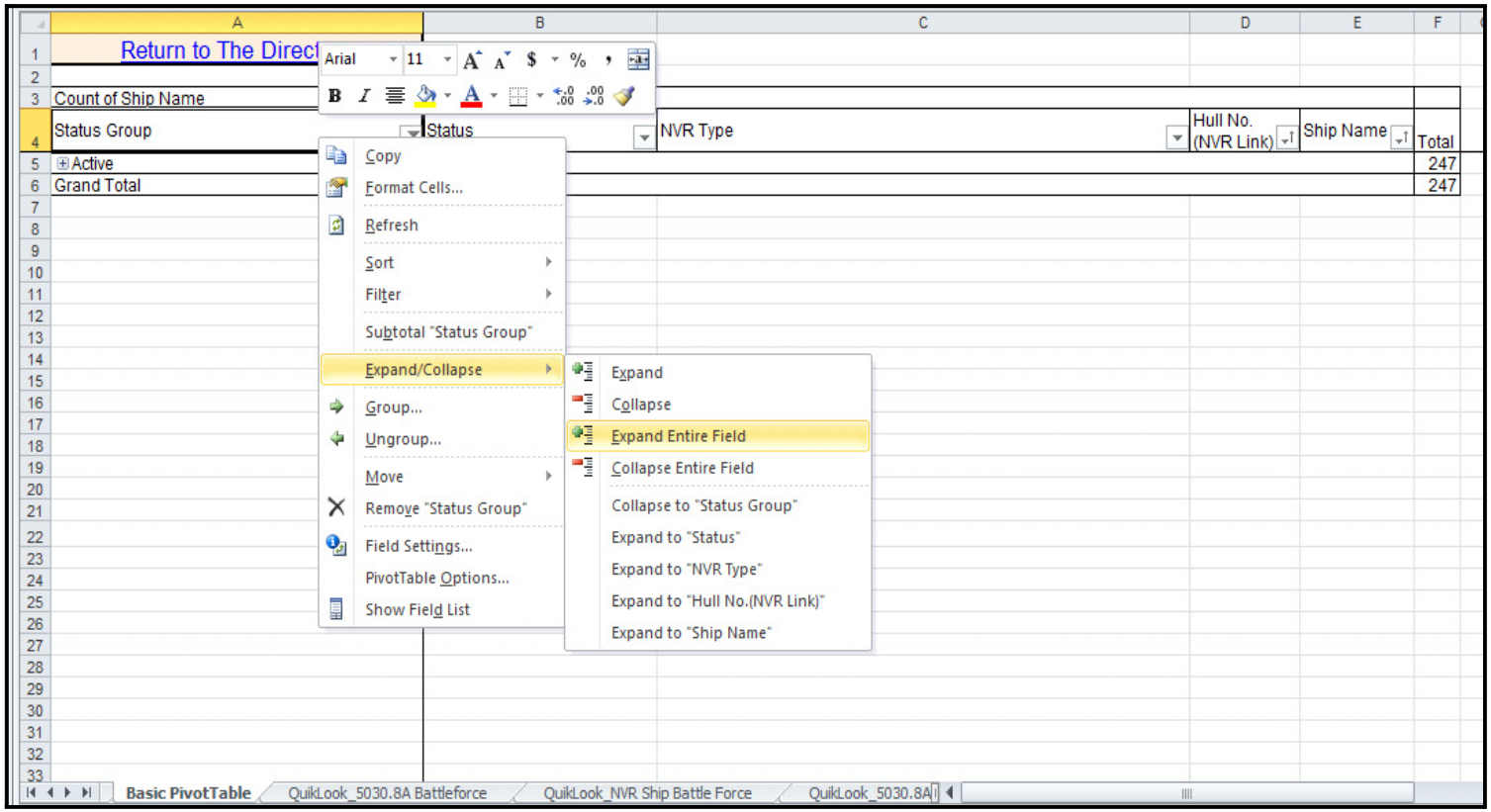
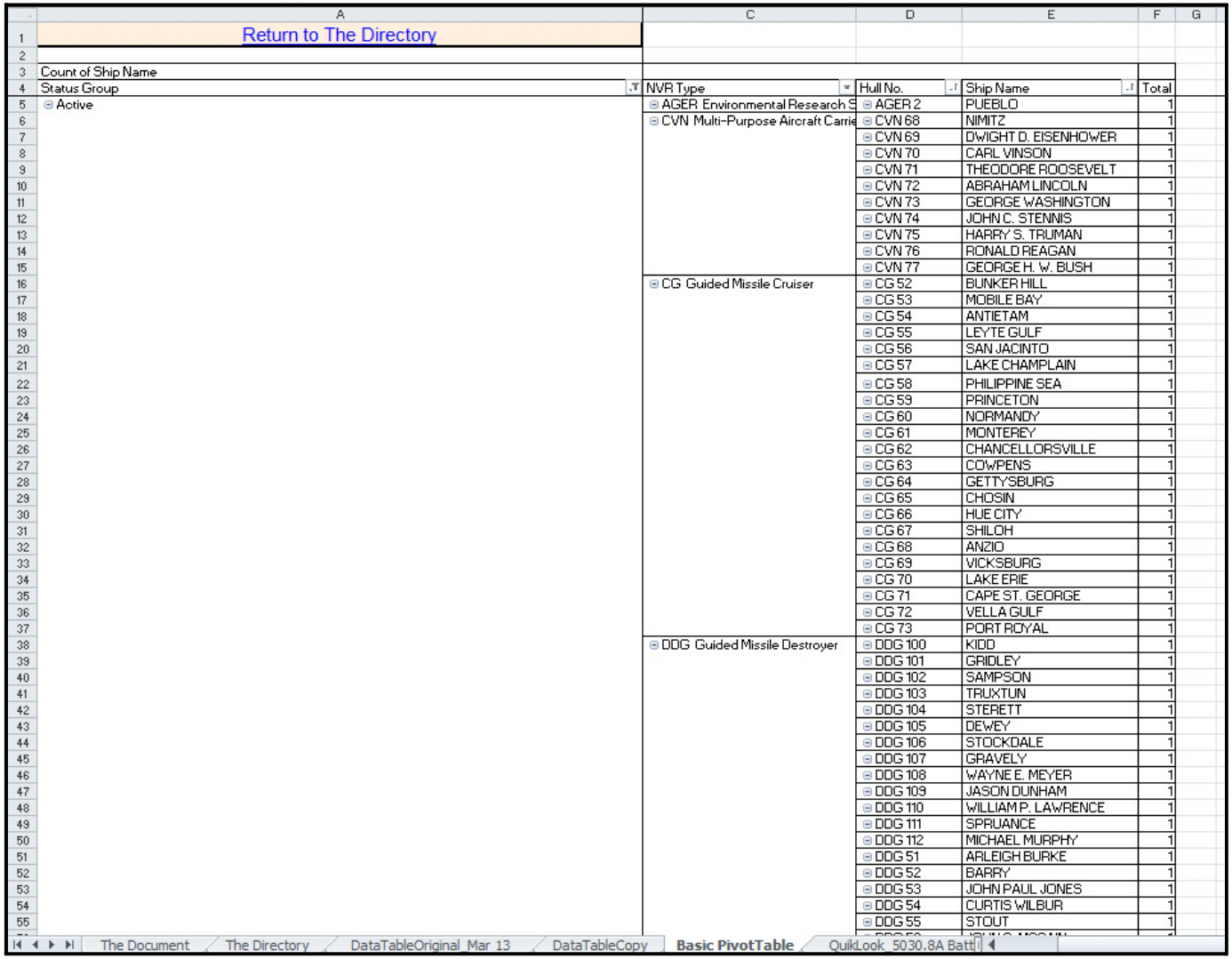


Figure 10. Top portion of fully expanded Basic Pivot Table



| | A | C | D | E | F |
|---|---|---|---|---|---|
| 1 | Return to The Directory | | | | |
| 2 | | | | | |
| 3 | Count of Ship Name | | | | |
| 4 | Status Group | NVR Type | Hull No. | Ship Name | Total |
| 5 | Active | AGER Environmental Research S | AGER 2 | PUEBLO | 1 |
| 6 | | CVN Multi-Purpose Aircraft Carrie | CVN 68 | NIMITZ | 1 |
| 7 | | | CVN 69 | DWIGHT D. EISENHOWER | 1 |
| 8 | | | CVN 70 | CARL VINSON | 1 |
| 9 | | | CVN 71 | THEODORE ROOSEVELT | 1 |
| 10 | | | CVN 72 | ABRAHAM LINCOLN | 1 |
| 11 | | | CVN 73 | GEORGE WASHINGTON | 1 |
| 12 | | | CVN 74 | JOHN C. STENNIS | 1 |
| 13 | | | CVN 75 | HARRY S. TRUMAN | 1 |
| 14 | | | CVN 76 | RONALD REAGAN | 1 |
| 15 | | | CVN 77 | GEORGE H. W. BUSH | 1 |
| 16 | | CG Guided Missile Cruiser | CG 52 | BUNKER HILL | 1 |
| 17 | | | CG 53 | MOBILE BAY | 1 |
| 18 | | | CG 54 | ANTIETAM | 1 |
| 19 | | | CG 55 | LEYTE GULF | 1 |
| 20 | | | CG 56 | SAN JACINTO | 1 |
| 21 | | | CG 57 | LAKE CHAMPLAIN | 1 |
| 22 | | | CG 58 | PHILIPPINE SEA | 1 |
| 23 | | | CG 59 | PRINCETON | 1 |
| 24 | | | CG 60 | NORMANDY | 1 |
| 25 | | | CG 61 | MONTEREY | 1 |
| 26 | | | CG 62 | CHANCELLORSVILLE | 1 |
| 27 | | | CG 63 | COWPENS | 1 |
| 28 | | | CG 64 | GETTYSBURG | 1 |
| 29 | | | CG 65 | CHOSIN | 1 |
| 30 | | | CG 66 | HUE CITY | 1 |
| 31 | | | CG 67 | SHILOH | 1 |
| 32 | | | CG 68 | ANZIO | 1 |
| 33 | | | CG 69 | VICKSBURG | 1 |
| 34 | | | CG 70 | LAKE ERIE | 1 |
| 35 | | | CG 71 | CAPE ST. GEORGE | 1 |
| 36 | | | CG 72 | VELLA GULF | 1 |
| 37 | | | CG 73 | PORT ROYAL | 1 |
| 38 | | DDG Guided Missile Destroyer | DDG 100 | KIDD | 1 |
| 39 | | | DDG 101 | GRIDLEY | 1 |
| 40 | | | DDG 102 | SAMPSON | 1 |
| 41 | | | DDG 103 | TRUXTUN | 1 |
| 42 | | | DDG 104 | STERETT | 1 |
| 43 | | | DDG 105 | DEWEY | 1 |
| 44 | | | DDG 106 | STOCKDALE | 1 |
| 45 | | | DDG 107 | GRAVELY | 1 |
| 46 | | | DDG 108 | WAYNE E. MEYER | 1 |
| 47 | | | DDG 109 | JASON DUNHAM | 1 |
| 48 | | | DDG 110 | WILLIAM P. LAWRENCE | 1 |
| 49 | | | DDG 111 | SPRUANCE | 1 |
| 50 | | | DDG 112 | MICHAEL MURPHY | 1 |
| 51 | | | DDG 51 | ARLEIGH BURKE | 1 |
| 52 | | | DDG 52 | BARRY | 1 |
| 53 | | | DDG 53 | JOHN PAUL JONES | 1 |
| 54 | | | DDG 54 | CURTIS WILBUR | 1 |
| 55 | | | DDG 55 | STOUT | 1 |

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**The QuikLook Pivot Tables**

The QuikLook Pivot Tables present the compositions and counts of ships according to two different conventions that define Navy, MSC, and NDRF forces.

The first convention is specified in the Secretary of the Navy's Instruction 5030.8A on *General Guidance for the Classification of Naval Vessels and Battleforce Ship Counting* [32].[6] At the highest level, Instruction 5030.8A distinguishes between Battleforce and Non-Battleforce ships.

The second convention is that used by the Naval Vessel Register in its database field named "Force." This convention was formerly used for Navy budgeting, planning, and programming [34]. At the highest level, ships are assigned to either the Ship Battle Forces[7] or to the Local Defense and Miscellaneous Support Forces.

*QuikLook_5030.8A Battleforce.* Figure 11 shows the composition of the 5030.8A Battleforce by Ship Category, Ship Classification, and Ship Type as defined in this instruction.

*QuikLook_NVR Ship Battle Force.* The makeup of the NVR Ship Battle Force is by NVR Force, Status Group, Status, and Ship Type, as shown in figure 12.

*Quiklook 5030.8A Non-Battleforce.* Figure 13 shows the organization of the Non-Battleforce ships according to the 5030.8A Instruction in this Pivot Table.

*QuikLook_NVRLocDef&MiscSptForce.* The composition of the Local Defense and Miscellaneous Support Forces of the NVR convention is displayed in figure 14.

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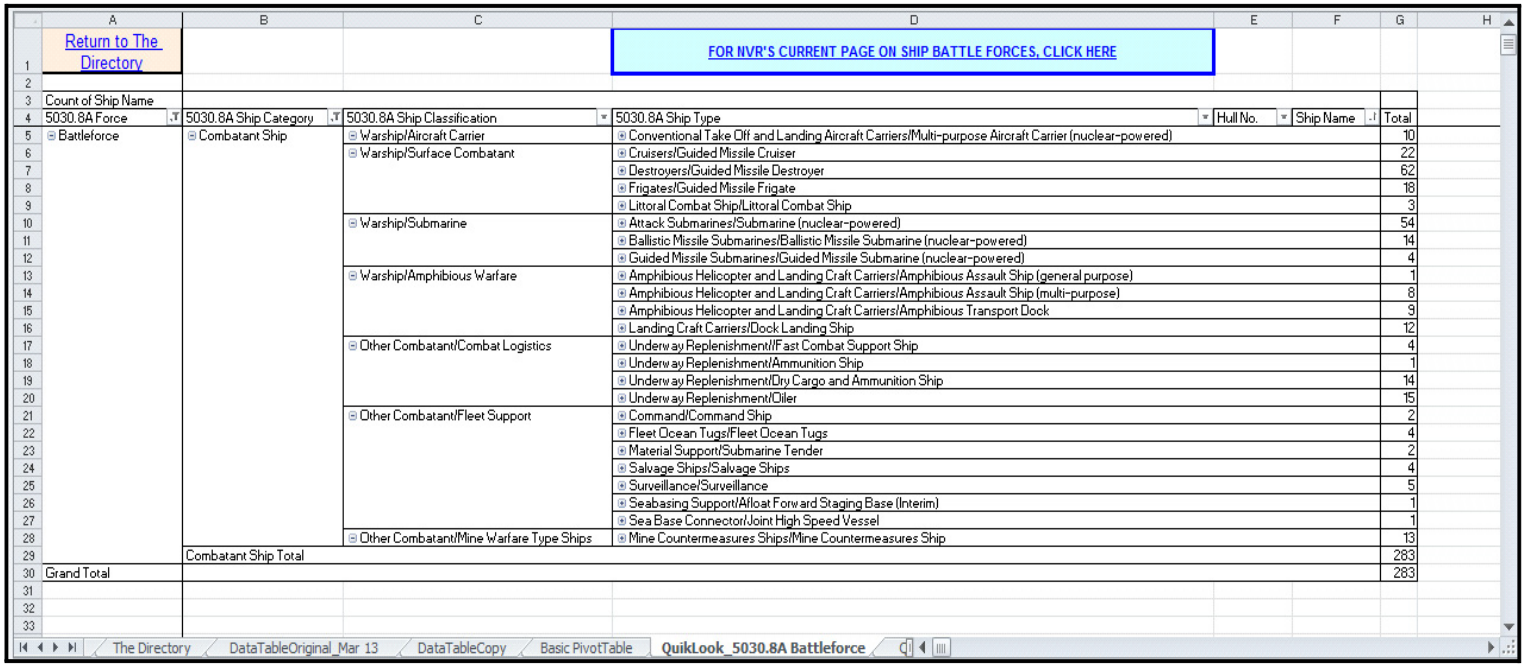
6. In March 2014, SECNAV INSTRUCTION 5030.8A was superseded by INSTRUCTION 5030.8B [33]. In this document, we retain 5030.8A as the standard since it was in effect during the data period of interest.

7. Over the years, the term, "Battle Force," has been defined differently and has taken different forms (as in the previous paragraph, "Battleforce") in the various ship classification and counting schemes. To emphasize the existence of these differences and hopefully minimize ambiguity, we retain the forms used in the respective source documents cited here.

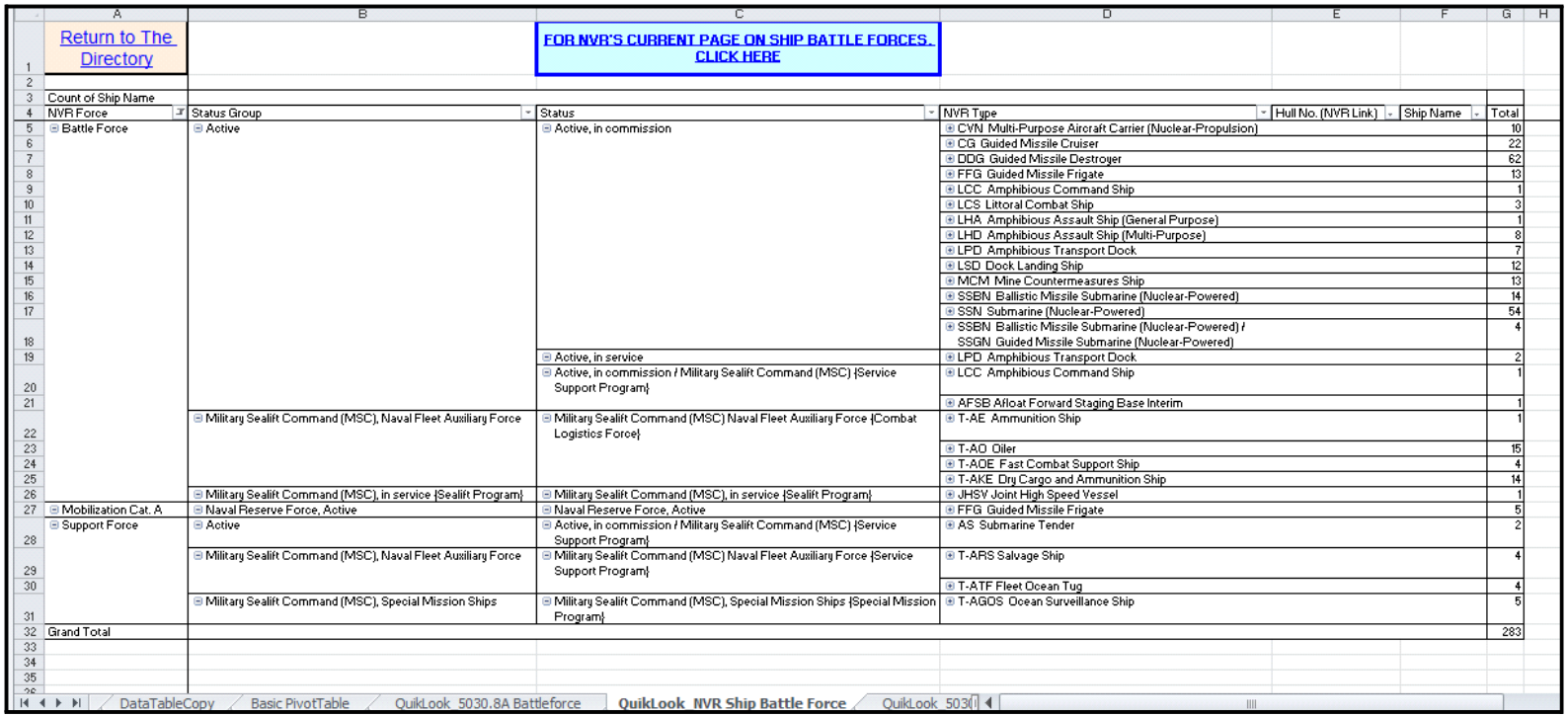
Figure 11. Composition of the 5030.8A Battleforce by ship classification and ship type as displayed in the *QuikLook_5030.8A Battleforce* Pivot Table



| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 1 | Return to The Directory | | | FOR NVR'S CURRENT PAGE ON SHIP BATTLE FORCES, CLICK HERE | | | | |
| 2 | | | | | | | | |
| 3 | Count of Ship Name | | | | | | | |
| 4 | 5030.8A Force | 5030.8A Ship Category | 5030.8A Ship Classification | 5030.8A Ship Type | Hull No. | Ship Name | Total | |
| 5 | Battleforce | Combatant Ship | Warship/Aircraft Carrier | Conventional Take Off and Landing Aircraft Carriers/Multi-purpose Aircraft Carrier (nuclear-powered) | | | 10 | |
| 6 | | | Warship/Surface Combatant | Cruisers/Guided Missile Cruiser | | | 22 | |
| 7 | | | | Destroyers/Guided Missile Destroyer | | | 62 | |
| 8 | | | | Frigates/Guided Missile Frigate | | | 18 | |
| 9 | | | | Littoral Combat Ship/Littoral Combat Ship | | | 3 | |
| 10 | | | Warship/Submarine | Attack Submarines/Submarine (nuclear-powered) | | | 54 | |
| 11 | | | | Ballistic Missile Submarines/Ballistic Missile Submarine (nuclear-powered) | | | 14 | |
| 12 | | | | Guided Missile Submarines/Guided Missile Submarine (nuclear-powered) | | | 4 | |
| 13 | | | Warship/Amphibious Warfare | Amphibious Helicopter and Landing Craft Carriers/Amphibious Assault Ship (general purpose) | | | 1 | |
| 14 | | | | Amphibious Helicopter and Landing Craft Carriers/Amphibious Assault Ship (multi-purpose) | | | 8 | |
| 15 | | | | Amphibious Helicopter and Landing Craft Carriers/Amphibious Transport Dock | | | 9 | |
| 16 | | | | Landing Craft Carriers/Dock Landing Ship | | | 12 | |
| 17 | | | Other Combatant/Combat Logistics | Underway Replenishment//Fast Combat Support Ship | | | 4 | |
| 18 | | | | Underway Replenishment/Ammunition Ship | | | 1 | |
| 19 | | | | Underway Replenishment/Dry Cargo and Ammunition Ship | | | 14 | |
| 20 | | | | Underway Replenishment/Oiler | | | 15 | |
| 21 | | | Other Combatant/Fleet Support | Command/Command Ship | | | 2 | |
| 22 | | | | Fleet Ocean Tugs/Fleet Ocean Tugs | | | 4 | |
| 23 | | | | Material Support/Submarine Tender | | | 2 | |
| 24 | | | | Salvage Ships/Salvage Ships | | | 4 | |
| 25 | | | | Surveillance/Surveillance | | | 5 | |
| 26 | | | | Seabasing Support/Afloat Forward Staging Base (Interim) | | | 1 | |
| 27 | | | | Sea Base Connector/Joint High Speed Vessel | | | 1 | |
| 28 | | | Other Combatant/Mine Warfare Type Ships | Mine Countermeasures Ships/Mine Countermeasures Ship | | | 13 | |
| 29 | | Combatant Ship Total | | | | | 283 | |
| 30 | Grand Total | | | | | | 283 | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |

The Directory | DataTableOriginal_Mar 13 | DataTableCopy | Basic PivotTable | QuikLook_5030.8A Battleforce

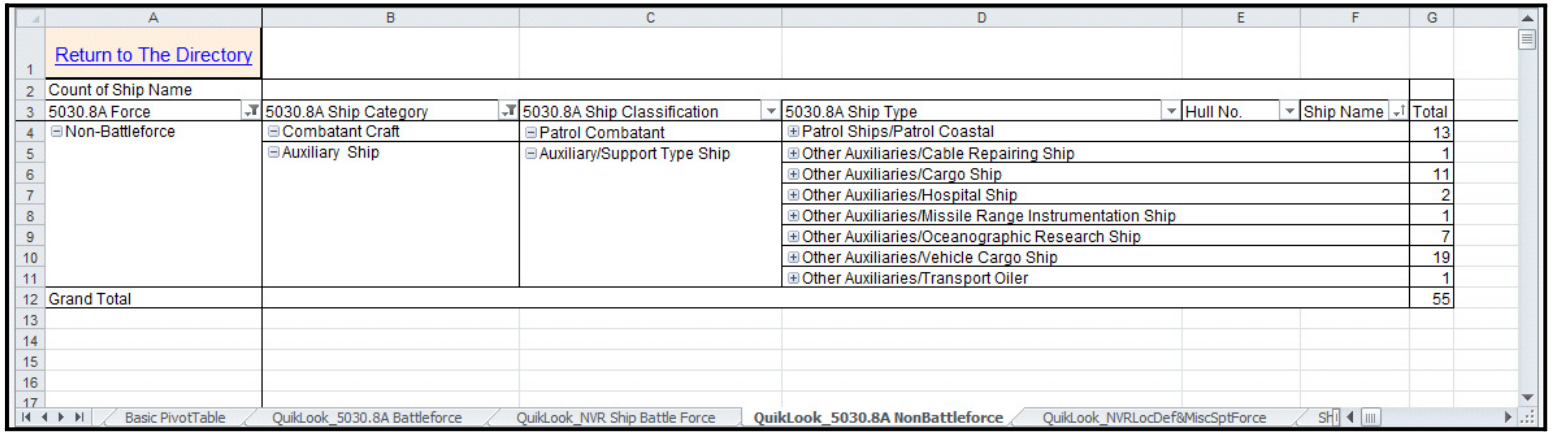
Figure 12. Makeup of the Ship Battle Forces as displayed in the *QuikLook_NVR Ship Battle Force* Pivot Table



| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 1 | Return to The Directory | | FOR NVR'S CURRENT PAGE ON SHIP BATTLE FORCES, CLICK HERE | | | | | |
| 2 | | | | | | | | |
| 3 | Count of Ship Name | | | | | | | |
| 4 | NVR Force | Status Group | Status | NVR Type | Hull No. (NVR Link) | Ship Name | Total | |
| 5 | Battle Force | Active | Active, in commission | CVN Multi-Purpose Aircraft Carrier (Nuclear-Propulsion) | | | 10 | |
| 6 | | | | CG Guided Missile Cruiser | | | 22 | |
| 7 | | | | DDG Guided Missile Destroyer | | | 62 | |
| 8 | | | | FFG Guided Missile Frigate | | | 13 | |
| 9 | | | | LCC Amphibious Command Ship | | | 1 | |
| 10 | | | | LCS Littoral Combat Ship | | | 3 | |
| 11 | | | | LHA Amphibious Assault Ship (General Purpose) | | | 1 | |
| 12 | | | | LHD Amphibious Assault Ship (Multi-Purpose) | | | 8 | |
| 13 | | | | LPD Amphibious Transport Dock | | | 7 | |
| 14 | | | | LSD Dock Landing Ship | | | 12 | |
| 15 | | | | MCM Mine Countermeasures Ship | | | 13 | |
| 16 | | | | SSBN Ballistic Missile Submarine (Nuclear-Powered) | | | 14 | |
| 17 | | | | SSN Submarine (Nuclear-Powered) | | | 54 | |
| 18 | | | | SSBN Ballistic Missile Submarine (Nuclear-Powered) / SSGN Guided Missile Submarine (Nuclear-Powered) | | | 4 | |
| 19 | | | Active, in service | LPD Amphibious Transport Dock | | | 2 | |
| 20 | | | Active, in commission / Military Sealift Command (MSC) {Service Support Program} | LCC Amphibious Command Ship | | | 1 | |
| 21 | | | | AFSB Afloat Forward Staging Base Interim | | | 1 | |
| 22 | | Military Sealift Command (MSC), Naval Fleet Auxiliary Force | Military Sealift Command (MSC) Naval Fleet Auxiliary Force {Combat Logistics Force} | T-AE Ammunition Ship | | | 1 | |
| 23 | | | | T-AO Oiler | | | 15 | |
| 24 | | | | T-AOE Fast Combat Support Ship | | | 4 | |
| 25 | | | | T-AKE Dry Cargo and Ammunition Ship | | | 14 | |
| 26 | | Military Sealift Command (MSC), in service {Sealift Program} | Military Sealift Command (MSC), in service {Sealift Program} | JHSV Joint High Speed Vessel | | | 1 | |
| 27 | Mobilization Cat. A | Naval Reserve Force, Active | Naval Reserve Force, Active | FFG Guided Missile Frigate | | | 5 | |
| 28 | Support Force | Active | Active, in commission / Military Sealift Command (MSC) {Service Support Program} | AS Submarine Tender | | | 2 | |
| 29 | | Military Sealift Command (MSC), Naval Fleet Auxiliary Force | Military Sealift Command (MSC) Naval Fleet Auxiliary Force {Service Support Program} | T-ARS Salvage Ship | | | 4 | |
| 30 | | | | T-ATF Fleet Ocean Tug | | | 4 | |
| 31 | | Military Sealift Command (MSC), Special Mission Ships | Military Sealift Command (MSC), Special Mission Ships {Special Mission Program} | T-AGOS Ocean Surveillance Ship | | | 5 | |
| 32 | Grand Total | | | | | | 283 | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |

DataTableCopy | Basic PivotTable | QuikLook_5030.8A Battleforce | **QuikLook_NVR Ship Battle Force** | QuikLook_503(

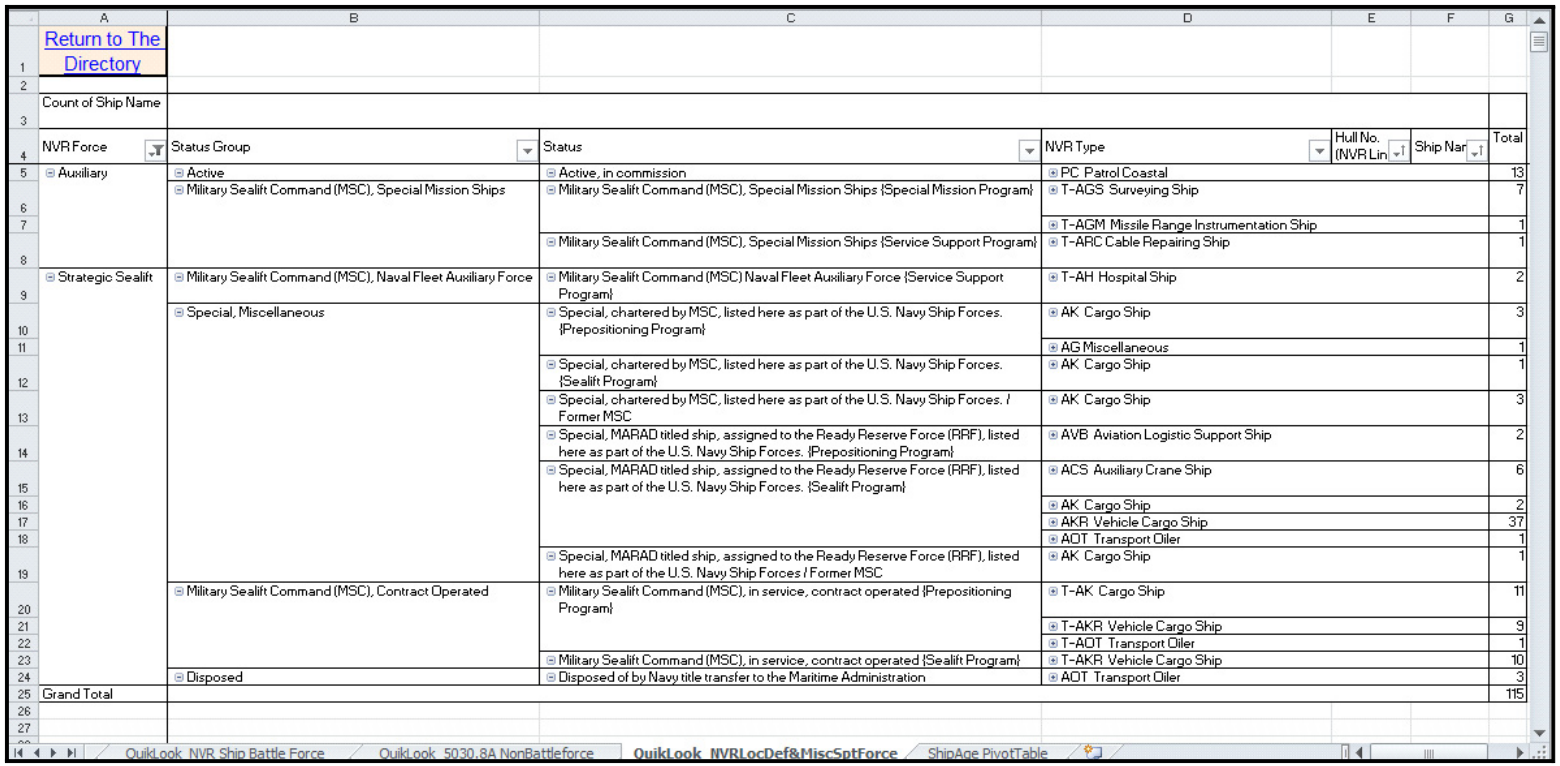
Figure 13. 5030.8A Non-Battleforce composition as displayed in the *QuikLook_5030.8A NonBattleForce* Pivot Table



| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | Return to The Directory | | | | | | |
| 2 | Count of Ship Name | | | | | | |
| 3 | 5030.8A Force | 5030.8A Ship Category | 5030.8A Ship Classification | 5030.8A Ship Type | Hull No. | Ship Name | Total |
| 4 | ⊟Non-Battleforce | ⊟Combatant Craft | ⊟Patrol Combatant | ⊞Patrol Ships/Patrol Coastal | | | 13 |
| 5 | | ⊟Auxiliary Ship | ⊟Auxiliary/Support Type Ship | ⊞Other Auxiliaries/Cable Repairing Ship | | | 1 |
| 6 | | | | ⊞Other Auxiliaries/Cargo Ship | | | 11 |
| 7 | | | | ⊞Other Auxiliaries/Hospital Ship | | | 2 |
| 8 | | | | ⊞Other Auxiliaries/Missile Range Instrumentation Ship | | | 1 |
| 9 | | | | ⊞Other Auxiliaries/Oceanographic Research Ship | | | 7 |
| 10 | | | | ⊞Other Auxiliaries/Vehicle Cargo Ship | | | 19 |
| 11 | | | | ⊞Other Auxiliaries/Transport Oiler | | | 1 |
| 12 | Grand Total | | | | | | 55 |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |

Basic PivotTable | QuikLook_5030.8A Battleforce | QuikLook_NVR Ship Battle Force | **QuikLook_5030.8A NonBattleforce** | QuikLook_NVRLocDef&MiscSptForce | SH

Figure 14. QuikLook Pivot Table for the Local Defense and Miscellaneous Support Forces of the NVR convention, *QuikLook_NVRLocDef&MiscSptForce*.



| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | Return to The Directory | | | | | | |
| 2 | | | | | | | |
| 3 | Count of Ship Name | | | | | | |
| 4 | NVR Force | Status Group | Status | NVR Type | Hull No. (NVR Lin | Ship Nar | Total |
| 5 | Auxiliary | Active | Active, in commission | PC Patrol Coastal | | | 13 |
| 6 | | Military Sealift Command (MSC), Special Mission Ships | Military Sealift Command (MSC), Special Mission Ships {Special Mission Program} | T-AGS Surveying Ship | | | 7 |
| 7 | | | | T-AGM Missile Range Instrumentation Ship | | | 1 |
| 8 | | | Military Sealift Command (MSC), Special Mission Ships {Service Support Program} | T-ARC Cable Repairing Ship | | | 1 |
| 9 | Strategic Sealift | Military Sealift Command (MSC), Naval Fleet Auxiliary Force | Military Sealift Command (MSC) Naval Fleet Auxiliary Force {Service Support Program} | T-AH Hospital Ship | | | 2 |
| 10 | | Special, Miscellaneous | Special, chartered by MSC, listed here as part of the U.S. Navy Ship Forces. {Prepositioning Program} | AK Cargo Ship | | | 3 |
| 11 | | | | AG Miscellaneous | | | 1 |
| 12 | | | Special, chartered by MSC, listed here as part of the U.S. Navy Ship Forces. {Sealift Program} | AK Cargo Ship | | | 1 |
| 13 | | | Special, chartered by MSC, listed here as part of the U.S. Navy Ship Forces. / Former MSC | AK Cargo Ship | | | 3 |
| 14 | | | Special, MARAD titled ship, assigned to the Ready Reserve Force (RRF), listed here as part of the U.S. Navy Ship Forces. {Prepositioning Program} | AVB Aviation Logistic Support Ship | | | 2 |
| 15 | | | Special, MARAD titled ship, assigned to the Ready Reserve Force (RRF), listed here as part of the U.S. Navy Ship Forces. {Sealift Program} | ACS Auxiliary Crane Ship | | | 6 |
| 16 | | | | AK Cargo Ship | | | 2 |
| 17 | | | | AKR Vehicle Cargo Ship | | | 37 |
| 18 | | | | AOT Transport Oiler | | | 1 |
| 19 | | | Special, MARAD titled ship, assigned to the Ready Reserve Force (RRF), listed here as part of the U.S. Navy Ship Forces / Former MSC | AK Cargo Ship | | | 1 |
| 20 | | Military Sealift Command (MSC), Contract Operated | Military Sealift Command (MSC), in service, contract operated {Prepositioning Program} | T-AK Cargo Ship | | | 11 |
| 21 | | | | T-AKR Vehicle Cargo Ship | | | 9 |
| 22 | | | | T-AOT Transport Oiler | | | 1 |
| 23 | | | Military Sealift Command (MSC), in service, contract operated {Sealift Program} | T-AKR Vehicle Cargo Ship | | | 10 |
| 24 | | Disposed | Disposed of by Navy title transfer to the Maritime Administration | AOT Transport Oiler | | | 3 |
| 25 | Grand Total | | | | | | 115 |
| 26 | | | | | | | |
| 27 | | | | | | | |

QuikLook_NVR Ship Battle Force | QuikLook_5030.8A NonBattleforce | **QuikLook_NVRLocDef&MiscSptForce** | ShipAge PivotTable

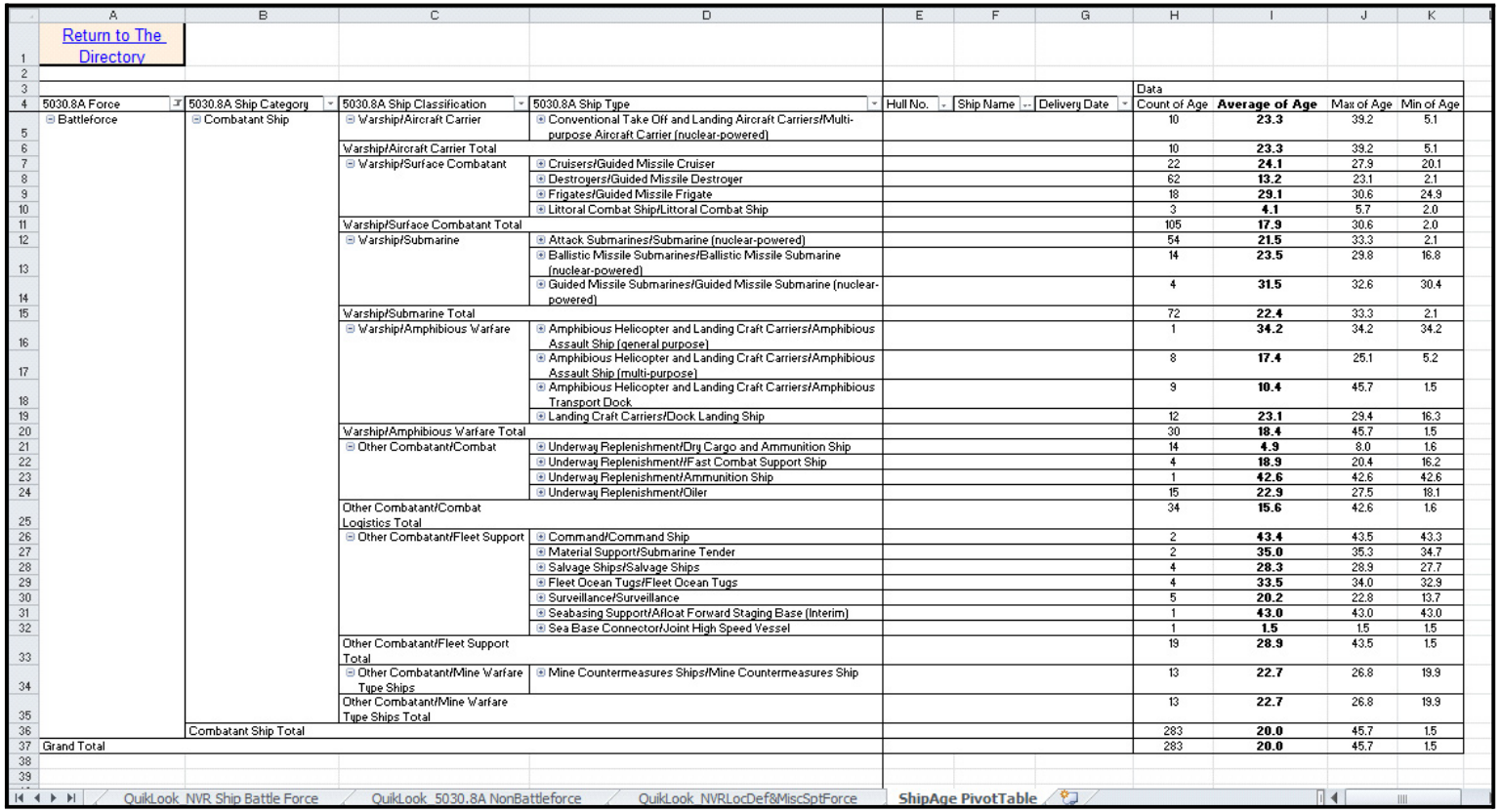
**ShipAge Pivot Table**

The final pivot table in the data file is named *ShipAge Pivot Table*. You can see the opening view of the table in figure 15. This table presents the age-of-ship data for Battleforce ships, organized using the 5030.8A ship-type groups. The ages displayed in the table are either: (1) the ages computed as of the date when the database was finalized, or (2) the ages as of the last "Refresh" of the Pivot Table.

To refresh the ship age calculation, you can right-click anywhere on the table and select "Refresh." Or you can go to the Data tab in the menu bar and use the "Refresh All" button. Refreshing the age calculations will not account for decommissionings that may have occurred since the end of the first quarter of CY 2013.

The pivot table shows the number of ships within each group, the average age of ships in the group, the age of the oldest ship, and the age of the newest ship delivered.

Figure 15. View of the Ship-Age Pivot Table



| | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Return to The Directory | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | Data | | | |
| 4 | 5030.8A Force | 5030.8A Ship Category | 5030.8A Ship Classification | 5030.8A Ship Type | Hull No. | Ship Name | Delivery Date | Count of Age | **Average of Age** | Max of Age | Min of Age |
| 5 | Battleforce | Combatant Ship | Warship/Aircraft Carrier | Conventional Take Off and Landing Aircraft Carriers/Multi-purpose Aircraft Carrier (nuclear-powered) | | | | 10 | **23.3** | 39.2 | 5.1 |
| 6 | | | Warship/Aircraft Carrier Total | | | | | 10 | **23.3** | 39.2 | 5.1 |
| 7 | | | Warship/Surface Combatant | Cruisers/Guided Missile Cruiser | | | | 22 | **24.1** | 27.9 | 20.1 |
| 8 | | | | Destroyers/Guided Missile Destroyer | | | | 62 | **13.2** | 23.1 | 2.1 |
| 9 | | | | Frigates/Guided Missile Frigate | | | | 18 | **29.1** | 30.6 | 24.9 |
| 10 | | | | Littoral Combat Ship/Littoral Combat Ship | | | | 3 | **4.1** | 5.7 | 2.0 |
| 11 | | | Warship/Surface Combatant Total | | | | | 105 | **17.9** | 30.6 | 2.0 |
| 12 | | | Warship/Submarine | Attack Submarines/Submarine (nuclear-powered) | | | | 54 | **21.5** | 33.3 | 2.1 |
| 13 | | | | Ballistic Missile Submarines/Ballistic Missile Submarine (nuclear-powered) | | | | 14 | **23.5** | 29.8 | 16.8 |
| 14 | | | | Guided Missile Submarines/Guided Missile Submarine (nuclear-powered) | | | | 4 | **31.5** | 32.6 | 30.4 |
| 15 | | | Warship/Submarine Total | | | | | 72 | **22.4** | 33.3 | 2.1 |
| 16 | | | Warship/Amphibious Warfare | Amphibious Helicopter and Landing Craft Carriers/Amphibious Assault Ship (general purpose) | | | | 1 | **34.2** | 34.2 | 34.2 |
| 17 | | | | Amphibious Helicopter and Landing Craft Carriers/Amphibious Assault Ship (multi-purpose) | | | | 8 | **17.4** | 25.1 | 5.2 |
| 18 | | | | Amphibious Helicopter and Landing Craft Carriers/Amphibious Transport Dock | | | | 9 | **10.4** | 45.7 | 1.5 |
| 19 | | | | Landing Craft Carriers/Dock Landing Ship | | | | 12 | **23.1** | 29.4 | 16.3 |
| 20 | | | Warship/Amphibious Warfare Total | | | | | 30 | **18.4** | 45.7 | 1.5 |
| 21 | | | Other Combatant/Combat | Underway Replenishment/Dry Cargo and Ammunition Ship | | | | 14 | **4.9** | 8.0 | 1.6 |
| 22 | | | | Underway Replenishment/Fast Combat Support Ship | | | | 4 | **18.9** | 20.4 | 16.2 |
| 23 | | | | Underway Replenishment/Ammunition Ship | | | | 1 | **42.6** | 42.6 | 42.6 |
| 24 | | | | Underway Replenishment/Oiler | | | | 15 | **22.9** | 27.5 | 18.1 |
| 25 | | | Other Combatant/Combat Logistics Total | | | | | 34 | **15.6** | 42.6 | 1.6 |
| 26 | | | Other Combatant/Fleet Support | Command/Command Ship | | | | 2 | **43.4** | 43.5 | 43.3 |
| 27 | | | | Material Support/Submarine Tender | | | | 2 | **35.0** | 35.3 | 34.7 |
| 28 | | | | Salvage Ships/Salvage Ships | | | | 4 | **28.3** | 28.9 | 27.7 |
| 29 | | | | Fleet Ocean Tugs/Fleet Ocean Tugs | | | | 4 | **33.5** | 34.0 | 32.9 |
| 30 | | | | Surveillance/Surveillance | | | | 5 | **20.2** | 22.8 | 13.7 |
| 31 | | | | Seabasing Support/Afloat Forward Staging Base (Interim) | | | | 1 | **43.0** | 43.0 | 43.0 |
| 32 | | | | Sea Base Connector/Joint High Speed Vessel | | | | 1 | **1.5** | 1.5 | 1.5 |
| 33 | | | Other Combatant/Fleet Support Total | | | | | 19 | **28.9** | 43.5 | 1.5 |
| 34 | | | Other Combatant/Mine Warfare Type Ships | Mine Countermeasures Ships/Mine Countermeasures Ship | | | | 13 | **22.7** | 26.8 | 19.9 |
| 35 | | | Other Combatant/Mine Warfare Type Ships Total | | | | | 13 | **22.7** | 26.8 | 19.9 |
| 36 | | Combatant Ship Total | | | | | | 283 | **20.0** | 45.7 | 1.5 |
| 37 | Grand Total | | | | | | | 283 | **20.0** | 45.7 | 1.5 |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |

QuikLook_NVR Ship Battle Force | QuikLook_5030.8A NonBattleforce | QuikLook_NVRLocDef&MiscSptForce | **ShipAge PivotTable**

# Changes in database content for this quarter

## Routine update of source data

We modified the database to account for the changes in our three major data sources through the quarter. As mentioned earlier, our sources include: (1) the NVR [35], (2) MSC's Ship Inventory [36], and (3) MARAD's NDRF Inventory [37].

We obtained the data from NVR by email [38], from MSC's Ship Inventory "Show changes" web site [39], and from MARAD's monthly reports on the NDRF Inventory [40–42].

## Changes in the ship forces

**SECNAVINST 5030.8A Battleforce decreases to 283 ships**

During the first quarter of 2013, the number of ships in the Battleforce as defined in SECVNAVINST 5030.8A decreased from 288 to 283 ships because five ships were decommissioned:

- USS *Guardian* (MCM 5) on February 15
- USS *Curts* (FFG 38) on February 27
- USS *Underwood* (FFG 36) on March 8
- USS *Carr* (FFG 52) on March 13
- USS *Klakring* (FFG 42) on March 22

Figure 11 shows the composition of the Battleforce at the end of the quarter by the classification scheme in the 5030.8A Instruction.

We verified the count and the changes against the Navy Operations Center's "OPNOTES/Worldwide Navy Distribution" and "CNO's Current Ops Brief" products [43], and the Ship Management Information System (iSMIS) Manager's report of the Total Battleforce Count [44].

**NVR Ship Battle Forces at 283 ships**

The composition of the Ship Battle Forces according to NVR's ship classification system as presented in ISDB's *Quiklook_NVR Ship Battle Force* Pivot Table is shown in figure 12. The ships included here are the same as in the 5030.8A Battleforce. But the two ship classification schemes are different. A comparison of the two systems can be found in the documentation accompanying the December 2011 ISDB update [25].

**SECNAVINST 5030.8A Non-Battleforce ship count at 55**

During the first quarter the Navy's Non-Battleforce fleet was unchanged. The makeup of the force from our *QuikLook_5030.8A_NonBattleForce* Pivot Table is shown in figure 13. Our data are consistent with the Navy Ship Annual Supplemental Data Tables (SASDT) of June 2012 [45] and July 2013 [46].

**NVR Local Defense and Miscellaneous Support Forces at 115 ships**

According to the NVR's classification scheme, ships not in the Ship Battle Forces may fall into its Local Defense and Miscellaneous Support Forces organization. The ships in these forces include the ships in the 5030.8A Non-Battleforce. They also include ships in the Ready Reserve Force, reported in MARAD's National Defense Reserve Fleet Inventory reports. Figure 14 shows the makeup of these forces from our *Quiklook_NVRLocDef&MiscSptForce* Pivot Table.

# Glossary

| | |
|---|---|
| DANFS | Dictionary of American Naval Fighting Ships |
| ISDB | Integrated Ship Database |
| iSMIS | iSMIS Management Information System |
| MARAD | Maritime Administration |
| MSC | Military Sealift Command |
| NAVSEA | Naval Sea Systems Command |
| NAVSHIPSO | NAVSEA Shipbuilding Support Office |
| NDRF | National Defense Reserve Fleet |
| NHHC | Naval History and Heritage Command |
| NVR | Naval Vessel Register |
| OOA | Out of action |
| PCU | Pre-Commissioning Unit |
| PMARS | Property Management and Archive Record System |
| RRF | Ready Reserve Force |
| SASDT | Ship Annual Supplemental Data Table<br>Ship and Aircraft Supplemental Data Table |
| SECNAVINST | Secretary of the Navy Instruction |
| UIC | Unit Identification Code |
| USNS | United States Naval Ship |
| USS | United States Ship |

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